



Advanced Actuation and Control Technologies for Automation and Robotics Systems in Manufacturing

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Message from the Guest Editors

Dear Colleagues,

The existing competitiveness in the manufacturing of consumer goods is becoming increasingly more evident. Companies need to install more sophisticated systems to increase productivity while safeguarding the principles of economic, environmental and social sustainability. Automation and robotics play a key role in the development of these systems. The increasingly automated production induces greater economic sustainability and improves market competitiveness; in addition, care for the environment can be greatly improved with the help of automation and control, increasing environmental sustainability; furthermore, robots and coupled automatic systems can minimize the difficulty of operators' labor, performing dangerous or health-detrimental tasks, thus increasing social sustainability. This Special Issue aims to bring together high-quality scientific work of advanced actuation and control technologies in the field of automation and robotics, which will allow us to increase productivity and quality in a sustainable way, promoting global benefits for entire communities.

